

Recombinant Vaccinia Virus C3L Protein (20-263 aa), His-tagged

Cat. No. C3L-1814V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Vaccinia Virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR)) C3L Protein (20-263 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Microbiology. Protein Description: Full Length of Mature Protein.
Species	VACV
Source	Yeast
ProteinLength	20-263 aa
Description	Serves to protect the virus against complement attack by inhibiting both classical and alternative pathways of complement activation. Binds C3b and C4b.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	28.6 kDa
AA Sequence	CCTIPSRPINMKFKNSVETDANANYNIGDTIEYLCLPGYRKQKMGPYAKCTGTGWTL FNQCIKRRCPSPRDIDNGQLDIGGVDFGSSITYSCNSGYHLIGESKSYCELGSTGSM VWNPEAPICESVKCQSPPSISNGRHNHGYEDFYTDGSVVTYSCNSGYSLIGNSGVLC SGGEWSDPPTCQIVKCPHTISNGYLSSGFKRSYSYNDNVDFKCKYGYKLSGSSSS TCSPGNTWKPELPKCVR

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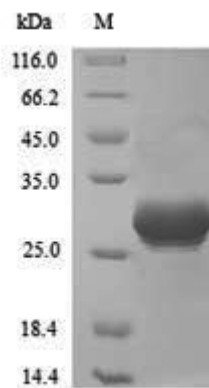
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	C3L secreted complement-binding protein [Vaccinia virus]
Official Symbol	C3L
Synonyms	VACWR025; 28 kDa protein Secretory protein 35 Short name: Protein C3 VCP;
Gene ID	3707640
Protein Refseq	YP_232907
UniProt ID	P68638

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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